

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 36°14'35", long 115°09'24" referenced to North American Datum of 1927, in SW 1/4 NE 1/4 sec. 04, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on downstream side of concrete box culvert on Camino Al Norte Road, 0.3 mi northeast of Craig Road, and 3.8 mi north of North Las Vegas.

DRAINAGE AREA.--113.06 mi².

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,060 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 1, 1995 at datum 9.0 ft lower.

REMARKS.--Records good. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 644 ft³/s, August 9, 1997, gage height, 10.33 ft, maximum gage height, 11.55 ft, July 8, 1999; no flow at times, most years. Maximum daily precipitation, 1.32 inches, July 8, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 569 ft³/s, February 26, gage height, 11.12 ft; minimum daily discharge, 0.00 ft³/s, on many days. Maximum daily precipitation, 0.76 in., Feb. 22.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.16	0.08	0.00	0.31	0.00	0.29	0.08	0.84	0.27	0.18	1.0	0.29
2	0.06	0.09	0.00	0.03	0.04	5.3	15	0.76	0.29	0.23	1.2	0.24
3	0.11	0.12	0.00	0.00	4.0	0.45	7.8	0.00	0.33	0.25	0.60	0.30
4	0.08	0.05	0.14	0.00	3.0	0.15	1.3	1.1	0.56	0.18	0.23	0.15
5	0.02	0.00	0.20	0.11	0.92	0.07	0.54	0.68	0.78	0.00	0.26	0.16
6	0.07	e0.00	0.02	0.21	0.50	0.02	0.48	0.60	0.13	0.49	0.34	0.12
7	0.07	e0.00	0.00	0.11	0.50	0.03	0.28	0.81	0.19	0.23	0.29	0.20
8	0.02	e0.00	0.00	0.04	0.50	0.21	2.5	1.4	0.58	0.20	0.23	0.25
9	0.00	e0.00	0.00	0.05	0.50	0.22	1.1	0.86	0.70	0.18	0.17	1.3
10	0.00	e0.00	0.00	0.06	0.50	0.17	0.34	0.17	0.24	0.19	0.26	1.2
11	0.02	e0.00	7.0	0.03	0.50	0.13	0.85	0.30	0.28	0.21	0.34	0.36
12	0.00	e35	0.78	0.00	0.50	0.05	0.06	1.0	0.03	0.07	0.52	0.21
13	0.02	e1.0	0.11	0.00	0.50	0.07	0.22	0.53	0.05	0.45	0.40	0.23
14	0.05	0.17	0.46	0.04	0.50	0.09	0.26	0.52	e0.00	0.26	0.28	0.28
15	0.03	0.05	0.23	0.04	0.50	0.09	0.01	0.41	e0.00	0.40	4.9	0.22
16	0.03	1.4	0.02	0.07	0.50	0.00	0.24	0.28	e0.00	0.84	21	0.35
17	0.00	0.15	0.00	0.08	0.43	0.00	0.54	0.00	e0.00	1.2	9.0	0.27
18	0.03	0.09	0.00	0.13	e0.80	0.06	0.39	0.26	e0.01	0.74	0.80	0.19
19	0.02	0.09	0.00	0.00	e0.80	0.10	0.00	0.33	e0.01	0.22	0.46	0.18
20	0.06	0.10	0.06	0.10	1.2	0.19	0.00	0.20	e0.01	0.24	0.92	0.11
21	0.07	0.05	0.00	0.20	4.9	0.29	0.31	0.32	e0.00	0.31	0.99	0.09
22	0.04	0.00	0.21	0.03	18	0.22	0.00	0.24	e0.00	0.29	0.33	0.11
23	0.06	0.04	0.13	0.00	42	0.00	0.23	0.17	e0.00	0.29	0.17	0.11
24	0.02	0.02	0.74	0.06	e1.5	0.18	0.27	0.00	e0.00	0.23	0.41	0.13
25	0.04	0.03	14	0.00	e1.0	0.07	0.29	0.10	e0.01	0.19	0.29	0.11
26	0.00	0.00	8.4	0.04	195	0.22	0.41	0.48	e0.01	0.18	0.51	0.15
27	0.03	0.00	0.20	0.02	0.38	0.18	0.26	0.26	e0.01	0.17	0.37	0.26
28	0.01	0.00	0.01	0.67	0.07	0.18	0.36	0.15	e0.01	0.19	0.32	0.25
29	0.08	0.00	0.00	0.10	0.00	0.28	0.00	0.13	e0.01	0.23	0.38	0.34
30	0.13	0.11	4.4	0.03	---	0.51	0.28	0.15	0.26	0.22	0.28	0.12
31	0.14	---	0.51	0.09	---	0.16	---	0.14	---	0.20	0.50	---
TOTAL	1.47	38.64	37.62	2.65	279.54	9.98	34.40	13.19	4.77	9.26	47.75	8.28
MEAN	0.05	1.29	1.21	0.09	9.64	0.32	1.15	0.43	0.16	0.30	1.54	0.28
MAX	0.16	35	14	0.67	195	5.3	15	1.4	0.78	1.2	21	1.3
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.09
AC-FT	2.9	77	75	5.3	554	20	68	26	9.5	18	95	16
†	0.00	0.40	1.08	0.16	1.68	0.16	0.92	0.00	0.00	0.00	0.40	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	0.15	0.38	0.41	0.69	4.24	0.90	0.89	0.50	0.25	1.96	1.17	1.15
MAX	0.62	2.89	1.79	5.47	16.1	7.21	5.69	4.44	1.09	17.6	5.75	7.79
(WY)	(2001)	(1997)	(1995)	(1995)	(1998)	(1998)	(1997)	(1997)	(1997)	(1999)	(2000)	(1998)
MIN	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00
(WY)	(1992)	(1993)	(1994)	(1994)	(1999)	(1993)	(1992)	(1993)	(1993)	(1993)	(1993)	(1993)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1992 - 2004
ANNUAL TOTAL	240.15	487.55	
ANNUAL MEAN	0.66	1.33	1.12
HIGHEST ANNUAL MEAN			2.79
LOWEST ANNUAL MEAN			0.04
HIGHEST DAILY MEAN	45	Aug 19	290 Jul 9, 1999
LOWEST DAILY MEAN	0.00	Jan 6	0.00 Oct 1, 1991
ANNUAL SEVEN-DAY MINIMUM	0.00	Mar 31	0.00 Oct 1, 1991
MAXIMUM PEAK FLOW			644 Aug 9, 1997
MAXIMUM PEAK STAGE			11.55 Jul 8, 1999
ANNUAL RUNOFF (AC-FT)	476	967	811
10 PERCENT EXCEEDS	0.50	0.88	0.48
50 PERCENT EXCEEDS	0.02	0.18	0.00
90 PERCENT EXCEEDS	0.00	0.00	0.00

e Estimated

† Precipitation total, in inches.